APPENDIX B

HARDWARE UTILIZATION

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Attached is a copy of the GCCS Hardware Requirements Questionnaire provided to the Government on May 25, 1995. The hardware requirements are still valid.

GCCS Hardware Requirements Questionnaire

Form Version 4.0a

Application: **Joint Engineer Planning and Execution System (JEPES)** Software Version: **Ver 4.04**

Date: **6/28/96**

Individual filling out Questionnaire: **Scott H. Senter**

Application Type: ___ Kernel ___COE ___Common **_X_** Mission ___Interface Client

Application Style: **_X_** Server ___ Client ___Stand-alone

Govt POC:

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Secondary POC: Govt____ Contractor **_X_**

Name/Rank	**K. Edison /Scott Senter**
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Telephone	**703.876.1217/703.876.1494**
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How many of segments make up this application: **3**

Please list the segments:

1. **JEPES**
2. **OJEPES**
3. **OJEPES.P4**

Please list the dependancies this application has on COTS/GOTS or other segments of the COE:

1. **ORACLE RDBMS ORACLE 7 Server Release 7.1.3 or higher**
2. **ORACLE Forms 4.0**
3. **ORACLE Reports 2.0 ORACLE Reports Release 2.0.16.6.2**
4. **SQL*NET ver 2.0**
5. **Solaris 2.3**

Please list what peripherals are required by this application:

1. _____
2. _____
3. _____
4. _____

Please describe any Operating System or COTS/GOTS modifications that are required to support this application:

_____

_____

_____

The next two pages contain a matrix of specific questions regarding the GCCS applications and how they functions. The information compiled from completed questionnaires will be used to provide performance data and sizing metrics to the Service/Agencies and CINCs for purchasing GCCS platforms.

All cells beneath the three operating systems are required. Acceptable answers are specific numbers, Yes, No, N/A, or TBD. The answer TBD must include a date to show when this information will be provided to the GCCS Engineering Office. Incomplete forms will be returned.

RETURN TO: Capt Gregory A. Csehoski / GCCS Engineering Office

	Solaris 2.3	HP-UX-9.0.1	MS DOS
General:			
Will the application operate on these operating systems?	**YES**	**N/A**	**NO**
Is the application segmented for these operating systems?	**YES**	**N/A**	**N/A**
Under what versions of MS DOS will the application run?	**N/A**	**N/A**	**N/A**
Under what versions of MS Windows will the application run ?	**N/A**	**N/A**	**N/A**
Operating Scenario:			
Does the **client** application reside on the local hard disk?	**N/A**	**N/A**	**N/A**
Is the **client** application downloaded from the **server** location into local RAM and operated from this location?	**YES**	**N/A**	**N/A**
Is there a **text based** version of this application?	**NO**	**N/A**	**N/A**
How many simultaneous **XTerm** sessions will the application support?	**# Server Supports**	**# Server Supports**	**N/A**
Must the data base used by the **client** application reside on the same platform?	**NO**	**N/A**	**N/A**
Must the data base used by the **server** application reside on the same platform?	**NO**	**N/A**	**N/A**
Hardware:			
How much hard disk space (MB) is required for the **server** application program (do not include **data** base)?	**N/A**	**N/A**	**N/A**
How much hard disk space (MB) is required for the **client** application program (do not include data base)?	**29MB***	**N/A**	**N/A**
How much temporary/swap hard disk space (MB) is required while the **server** application is running?	**N/A**	**N/A**	**N/A**
How much temporary/swap hard disk space (MB) is required while the **client** application is running?	**0 MB**	**N/A**	**N/A**
How much hard disk space (MB) is required for the data base associated with the application?	**300MB ****	**N/A**	**N/A**
How much RAM (MB) is required while the **server** application is running?	**Based on # of Users**	**N/A**	**N/A**
How much RAM (MB) is required while the **server** application is inactive as a background process?	**N/A**	**N/A**	**N/A**
How much RAM (MB) is required while the **client** application is running?	**7.6 MB(Min) 10.5 (Max)**	**N/A**	**N/A**
How much RAM (MB) is required while the **client** application is inactive as a background process?	**Not up 0 MB Running 7.6MB**	**N/A**	**N/A**
What type of processor is required to run the **server** application?	**N/A**	**N/A**	**N/A**
What is the minimal acceptable **server** processor speed (MHZ)?	**N/A**	**N/A**	**N/A**
What is the minimal acceptable number of processors for the **server** application if it can use multiple processors?	**N/A**	**N/A**	**N/A**
What type of processor is required to run the **client** application?	**SPARC**	**N/A**	**N/A**
What is the minimal acceptable **client** processor speed (MHZ)?	**40 MHZ**	**N/A**	**N/A**
What is the minimal acceptable number of processors for the **client** application if it can use multiple processors?	**1**	**N/A**	**N/A**

Throughput [Bandwidth (BW)]:			
What minimal BW (kbps) is required for the **server** application to access the data base when they reside on the same LAN?	**N/A**	**N/A**	**N/A**
What optimal BW (kbps) is required for the **server** application to access the data base when they reside on the same LAN?	**N/A**	**N/A**	**N/A**
What minimal BW (kbps) is required for the **server** application to access the data base when they reside on different LANs?	**N/A**	**N/A**	**N/A**
What optimal BW (kbps) is required for the **server** application to access the data base when they reside on different LANs?	**N/A**	**N/A**	**N/A**
What minimal BW (kbps) is required for the **client** application to access the data base when they reside on the same LAN?	**512Kbps**	**N/A**	**N/A**
What optimal BW (kbps) is required for the **client** application to access the data base when they reside on the same LAN?	**10,000 Kbps**	**N/A**	**N/A**
What minimal BW (kbps) is required for the **client** application to access the GCCS LAN over a telephone dial-in line?	**SQL*NET 14.4**	**N/A**	**N/A**
What optimal BW (kbps) is required for the **client** application to access the GCCS LAN over a telephone dial-in line?	**N/A**	**N/A**	**N/A**
Additional Comments:			
*** Besides 29 MB for the JEPES Application. Each user will require 29 MB in his home directory.**			
**** 300 MB for JEPES data tablespace, assuming 5 users with 60 MB for each user.**			
JEPES DISK STORAGE:			
1. JEPES APPLICATION SOFTWARE 28.5 MB			
2. JEPES DATABASE 60 MB			
3. JEPES EXPORT FILES 24 MB (3 OPLANS)			
4. JEPES USER DIRECTORY 5 MB			
One User total = 117.5 MB			
Add another user = 117.5 + 89 = 206.5 MB			

Please complete and return this form to the GCCS Engineering Office, JIEO/JEAC, Capt Gregory A. Csehoski via e-mail at CSEHOSKG@CC.IMS.DISA.MIL or Unclassified FAX, 703-735-8504/DSN 653-8504. Any questions, comments, or suggestions should be directed to Captain Csehoski, 703-735-8760/DSN 653-8760.

NOTE: The telephone numbers and office code for the GCCS Engineering Office have changed. The correct numbers are listed above.